

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/000324

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01H1/00 G01M13/00 G01N22/02 G01S13/88 F01D21/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01H G01M G01N G01S F01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 507 658 A (WESTINGHOUSE) 26 March 1985 (1985-03-26) column 2, line 22 - line 35; figure 3 ---	1,2,14
A	WO 98/39670 A (GEC-MARCONI) 11 September 1998 (1998-09-11) page 1, line 7 - line 10 page 6, line 22 -page 7, line 10 ---	
A	EP 0 806 680 A (UTC) 12 November 1997 (1997-11-12) column 1, line 24 - line 29 column 3, line 54 - line 58; figure 1 ---	
A	EP 0 558 843 A (IHJ) 8 September 1993 (1993-09-08) column 2, line 38 - line 47; claim 1; figure 2 --- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

27 April 2004

Date of mailing of the international search report

21/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Mielke, W

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/000324

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 011 752 A (SPC) 11 July 1979 (1979-07-11) page 1, line 60 - line 68 page 2, line 110 - line 121 -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/000324

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4507658	A	26-03-1985	JP 1037567 B JP 1553019 C JP 59041606 A	08-08-1989 04-04-1990 07-03-1984
WO 9839670	A	11-09-1998	GB 2322988 A AU 6407798 A CA 2282291 A1 EP 0965055 A1 WO 9839670 A1	09-09-1998 22-09-1998 11-09-1998 22-12-1999 11-09-1998
EP 806680	A	12-11-1997	US 5818242 A CA 2204693 A1 DE 69727169 D1 EP 0806680 A2 JP 10068617 A	06-10-1998 08-11-1997 19-02-2004 12-11-1997 10-03-1998
EP 558843	A	08-09-1993	US 5201227 A EP 0558843 A1	13-04-1993 08-09-1993
GB 2011752	A	11-07-1979	CA 1111941 A1 DE 2854432 A1 FR 2412845 A1 IT 1109235 B	03-11-1981 21-06-1979 20-07-1979 16-12-1985